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12/13/94

Project No. _____

Book No. _____

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Purpose: To make more ligation reactions at a different ratio of Vector insert + to transform.

Vector	0.5	} 1, 3	same the same for all Recs
insert	6.0		
5x buffer	4.0	- Vector alone	
T4 ligase	1.0	- Tag	
H ₂ O	8.5	- Tag + Deep Vent }	

20 µl at 25°, 3 hrs.

used 2.5 µl of each reaction to transform DH5α cells.

included untreated p/c (monomer) Control.

usual protocol.
ligation recs

Vector only : recpt - 51

Tag 25 µl - 160
50 - 352
100 - 504

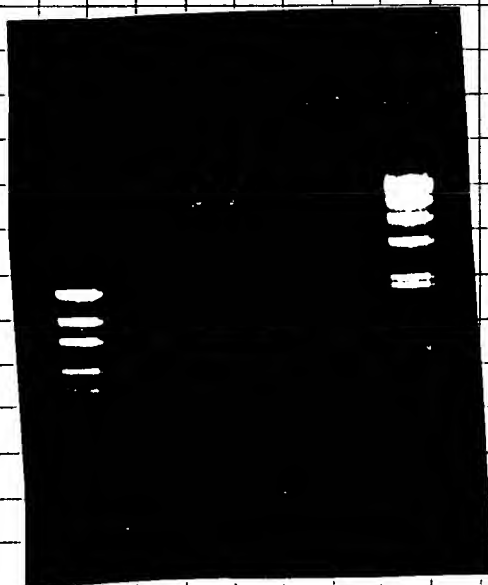
1.8%

1006

Tag + DV 25 124
50 274
100 487

0.7%

885



1 2 3 4
Vector
Tag
Tag + DV

In this set Tag + D.V. : seems to be to still a very low count.

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Witnessed & Understood by me,

Date

12/14/94

Invented by

Recorded by

K. S. S. S.

Date

12/14/94